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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

RECEIVED  
NOV 15 2005

EDMC

November 7, 2005

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Richland Operations Office  
United States Department of Energy  
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Richland, Washington 99354

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United States Department of Energy  
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3070 George Washington Way  
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Ms. Lori Fritz, Director  
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Richland, Washington 99354

Mr. J.P. Henschel, Project Director  
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Richland, Washington 99354

Mr. Roby D. Enge, Director  
Environment, Safety, Health and Quality  
Pacific Northwest National Laboratory  
P.O. Box 999, MSIN: J2-05  
Richland, Washington 99352

Ms. Susan J. Eberlein, Vice President  
Environmental Safety, Health,  
and Quality  
CH2M Hill Hanford Group, Inc.  
P.O. Box 1500, MSIN: H6-03  
Richland, Washington 99352

Dear Ladies and Gentlemen:

Re: The United States Department of Energy Letter, dated September 8, 2005, *Revised Hanford Facility Part A Forms for Treatment, Storage and Disposal Units 1324-N, 1342-NA, and 1352-N, Being Assigned to Washington Closure Hanford, LLC, for Management as Co-Operator*; and the United States Department of Energy Letter, dated September 12, 2005, *Class 1 Modifications to the Hanford Facility Resource Conservation and Recovery Act Permit (Quarter Ending September 30, 2005)*

66623  
Dated 9/12

67365  
Dated 10/12

November 7, 2005

Page 2

Enclosed are the Modification Notification Forms and the signed front pages of the new Part A's submitted for approval. The Washington State Department of Ecology (Ecology) has reviewed and approved the quarterly Class 1 Modifications as listed below.

**General Permit Conditions**

Page 2 of 2: Permit Condition II.A.2 Approved

**Part III, Chapter 2, 305-B Storage Facility**

Page 2 of 3: Hanford Facility RCRA Permit, III.2 Approved

Page 3 of 3: Chapter 7.0 Approved

**Part III, Chapter 10 and Attachment 51, WTP**

24590-HLW-PCN-ENV-05-003 6-25-05 Approved

24590-HLW-PCN-ENV-05-001 7-01-05 Approved

24590-WTP-PCN-ENV-05-005 8-10-05 Approved

24590-HLW-PCN-ENV-05-005 9-06-05 Approved

**Part V, Chapter 20, 300 Area WATS**

Page 2 of 3: Hanford Facility RCRA Permit, Part V.20 Approved

Page 3 of 3: Chapter 1.0, Part A Approved

**Part V, Chapter 16, 1325-N LWDF and Chapter 17, 1301-N LWDF**

Page 2 of 4: Hanford Facility RCRA Permit, Part V.16 Approved

Page 3 or 4: Hanford Facility RCRA Permit, Part V.17 Approved

Page 4 of 4: Attachment 41, Chapter 1.0 Approved

**Part V, Chapter 18, 1324-N S I and Chapter 19, 1324-NA P P**

Page 2 of 4: Hanford Facility RCRA Permit, Part V.18 Approved

Page 3 of 4: Hanford Facility RCRA Permit, Part V.19 Approved

Page 4 of 4: Attachment 42, Chapter 1.0 Approved

In the future, Ecology requests that the United States Department of Energy (USDOE) and Contractors submit all Class 1 Modifications by the 10<sup>th</sup> of each month, in accordance with Condition I.C.3 of the Hanford Facility Resource Conservation and Recovery Act Permit.

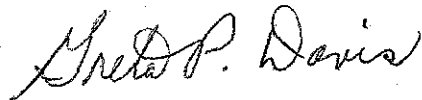
Ecology appreciates your cooperation and again, encourages USDOE and contractor staff to discuss proposed Class 1 changes with Ecology's Unit Managers to clarify any questions or concerns.

November 7, 2005

Page 3

If you have any questions, please contact me at (509) 372-7894.

Sincerely,



Greta P. Davis  
RCRA Sitewide Permit Coordinator  
Nuclear Waste Program

GD:pll

Enclosure

cc: Tony McKarns, USDOE  
Suzette Thompson, FH  
Ro Vinson, PAC  
Stuart Harris, CTUIR  
Gabriel Bohnee, NPT  
Russell Jim, YN  
Todd Martin, HAB  
Environmental Portal, LMSI: HF Operating Record  
Administrative Record

# Hanford Facility RCRA Permit Modification Notification Forms

## General Permit Conditions

Index

Page 2 of 2: Permit Condition II.A.2

Submitted by Co-Operator:

Reviewed by RL Program Office:

*Lori Fritz*

*9.28.05*

*Brian L Charboneau*

*10-6-2005*

Lori L. Fritz

Date

Brian L Charboneau

Date

## Hanford Facility RCRA Permit Modification Notification Form

Unit:

General

Permit Part &amp; Chapter:

Permit Condition II.E

## Description of Modification:

Permit Condition II.A.2:

## II.A FACILITY CONTINGENCY PLAN

- II.A.1 The Permittees shall immediately carry out applicable provisions of the Hanford Emergency Management Plan as provided in Attachment 4, pursuant to WAC 173-303-360(2), whenever there is an incident meeting the criteria of Attachment 4, Section 4.2.
- II.A.2 The Permittees shall comply with the requirements of WAC 173-303-350(4), as provided in the Hanford Emergency Management Plan (Attachment 4). The Hanford Emergency Management Plan provides reference to the need for unit-specific contingency documentation ~~included in Part III, V, and or VI of this Permit.~~ Unit-specific contingency documentation for Part III TSD units is included in Part III of this Permit. Unit-specific contingency documentation for Part V and VI TSD units required by this Permit condition is maintained in the Hanford Facility Operating Record, Unit-Specific files.
- II.A.3 The Permittees shall review and amend, if necessary, the applicable portions of the Hanford Emergency Management Plan, as provided in Attachment 4, pursuant to WAC 173-303-350(5), and in accordance with the provisions of WAC 173-303-830(4). The Permittees shall be able to demonstrate how Amendments to the applicable portions are controlled. The plan shall be amended within a period of time agreed upon by Ecology.
- II.A.4 The Permittees shall comply with the requirements of WAC 173-303-350(3) and -360(1) concerning the emergency coordinator, except the names and home telephone numbers will be on file with the single point-of-contact, phone number (509) 373-3800 or 375-2400 (for PNNL units) as described in the Hanford Emergency Management Plan.

WAC 173-303-830 Modification Class<sup>12</sup>

Please mark the Modification Class:

Class 1

Class 1

Class 2

Class 3

X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.8

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes.

Modification Approved: ☒ Yes ☐ No (state reason for denial)

Reason for denial:

Reviewed by Ecology:

*G. P. Davis* 8/18/05  
G. P. Davis Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class 1, if appropriate.

**Hanford Facility RCRA Permit Modification Notification Forms**

**Part III, Chapter 2  
305-B Storage Facility**

**Index**

Page 2 of 3: Hanford Facility RCRA Permit, III.2

Page 3 of 3: Chapter 7.0

Submitted by Co-Operator:

Alice K. Ikenberry  
Alice K. Ikenberry

24 Aug 05  
Date

Reviewed by RL Program Office:

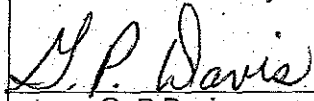
L. Erickson  
L. Erickson

9-7-05  
Date

<b>Hanford Facility RCRA Permit Modification Notification Form</b>														
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 2</b>													
<u>Description of Modification:</u> Hanford Facility RCRA Permit, III.2:														
<b>CHAPTER 2</b> <b>305-B Storage Facility</b>														
The 305-B Storage Facility (305-B) is an active storage unit for dangerous wastes and mixed wastes. These wastes are derived primarily from research and development activities and laboratory activities in the 300 Area. This Chapter sets forth the operating Conditions for this TSD unit.														
<b>III.2.A. <u>COMPLIANCE WITH APPROVED PERMIT APPLICATION</u></b>														
The Permittees shall comply with all the requirements set forth in Attachment 18, including all Class 1 modifications specified below, and the Amendments specified in Condition III.2.B. Enforceable portions of the permit application have been incorporated in Attachment 18 and are identified as follows. All subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:														
<b><u>ATTACHMENT 18:</u></b>														
Chapter 1.0	Part A Dangerous Waste Permit, Revision 2, from Class 1 modification dated May 2005.													
Chapter 2.0	Unit Description, from Class 1 modification dated March 31, 2005													
Chapter 3.0	Waste Analysis Plan, from Class 1 modification dated March 31, 2005													
Chapter 4.0	Process Information, from Class 1 modification dated December 31, 2003													
Chapter 6.0	Procedures to Prevent Hazards, from Class 1 modification dated March 31, 2005													
Chapter 7.0	Building Emergency Procedure, from Class 1 modification dated September 30, 20052004													
Chapter 8.0	Personnel Training, from Class 1 modification dated September 30, 2003													
Chapter 11.0	Closure and Post-Closure Requirements, from Class 1 modification dated August 2004													
Chapter 12.0	Reporting and Recordkeeping, from Class 1 modification dated August 2004													
Chapter 13.0	Other Relevant Laws, from Class 1 modification dated August 2004													
<b>III.2.B. <u>AMENDMENTS TO THE APPROVED PERMIT APPLICATION</u></b>														
III.2.B.1	For all shipments of dangerous waste to or from this TSD unit, except for shipments which occur wholly within the 300 Area, the Permittees shall comply with Conditions II.P and II.Q of this Permit regarding dangerous waste shipment manifesting and transportation.													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px;">WAC 173-303-830 Modification Class <sup>12</sup></th> <th style="width: 12.5%; padding: 5px;">Class 1</th> <th style="width: 12.5%; padding: 5px;">Class <sup>1</sup>1</th> <th style="width: 12.5%; padding: 5px;">Class 2</th> <th style="width: 12.5%; padding: 5px;">Class 3</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Please mark the Modification Class:</td> <td style="text-align: center; padding: 5px;">X</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> </tbody> </table>					WAC 173-303-830 Modification Class <sup>12</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3	Please mark the Modification Class:	X			
WAC 173-303-830 Modification Class <sup>12</sup>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3										
Please mark the Modification Class:	X													
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1 Enter wording of WAC 173-303-830, Appendix I Modification citation: A.1. General Permit Provisions, Administrative and informational changes														
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>			Reviewed by Ecology:  G. P. Davis											
			10-26-05 Date											

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or downgraded to a Class <sup>1</sup>1, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>				
Unit: <b>305-B Storage Facility</b>	Permit Part & Chapter: <b>Part III, Chapter 2</b>			
<b>Description of Modification:</b> Remove and replace Chapter 7.0 with the attached Chapter 7.0 dated September 30, 2005.				
WAC 173-303-830 Modification Class <sup>12</sup> Please mark the Modification Class:				
	Class 1	Class '1	Class 2	Class 3
	X			
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1 Enter wording of WAC 173-303-830, Appendix I Modification citation: A.1. General Permit Provisions, Administrative and informational changes				
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)		Reviewed by Ecology:		
Reason for denial:		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">               G. P. Davis           </div> <div style="text-align: center;">             10-26-05              Date           </div> </div>		

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if appropriate.



**Hanford Facility RCRA Permit Modification Notification Forms****Part III, Chapter 10 and Attachment 51  
Waste Treatment and Immobilization Plant (WTP)****Index**

Ecology approved PCNs for quarter ending September 30, 2005:

<u>PCN</u>	<u>Ecology Approval Date</u>
24590-HLW-PCN-ENV-05-003	6-25-2005
24590-HLW-PCN-ENV-05-001	7-1-2005
24590-WTP-PCN-ENV-05-005	8-10-2005
24590-HLW-PCN-ENV-05-005	9-6-2005

# Hanford Facility RCRA Permit Modification Notification Forms

## Part V, Chapter 20

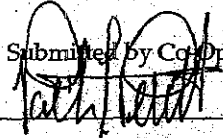
### 300 Area WATS

#### Index

Page 2 of 3: Hanford Facility RCRA Permit, Part V.20

Page 3 of 3: Chapter 1.0, Part A

Submitted by Cof Operator:

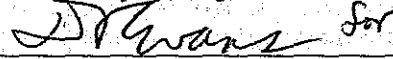


Patrick L. Pettiette

Reviewed by RL Program Office:

9-15-05

Date



L. Erickson

9/22/05

Date

## Hanford Facility RCRA Permit Modification Notification Form

Unit:  
**300 Area WATS**

Permit Part & Chapter:  
**Part V, Chapter 20**

Description of Modification:

Hanford Facility RCRA Permit, Part V.20:

**CHAPTER 20**

**300 Area Waste Acid Treatment System**  
(Partial Closure Plan Completed, December 3, 2001)

The 300 Area Waste Acid Treatment System (300 WATS) was a tank system that was used to treat and store nonrecoverable uranium-bearing waste acid from reactor fuel fabrication operations. Waste acid neutralization occurred in portions of what now is the 300 Area WATS before operation of the system as a *Resource Conservation and Recovery Act (RCRA) of 1976* unit. The Closure Plan detailed closure of 300 Area WATS components, areas, and contamination resulting from RCRA operations. This unit consisted of portions of four (4) buildings and two (2) tank farms: 334-A Building, 313 Building, 303-F Building, 333 Building, 334 (tank 4), and 311 Tank Farms (tanks 40 and 50).

Closure activities were completed in September 1999, in accordance with the approved Closure Plan contained in Attachment 46, retired during Permit Revision 6. Clean closure was given for structures above the ground using the visually verifiable 'clean debris surface' rule and table in the *Ecology Guidance for Clean Closure of Dangerous Waste Facilities Publication #94-111* (August, 1994). The disposition of unclosed 300 Area WATS soils will be performed in conjunction with the 300-FF-2 CERCLA OU remedial action to complete 300 Area WATS RCRA closure.

**V.20.A COMPLIANCE**

The Permittees shall comply with all requirements set forth in the Hanford Facility Dangerous Waste Permit, as specified in Attachment 3, Permit Applicability Matrix and the unit-specific conditions identified below for the 300 Area WATS, including all approved modifications.

In the event that these Part V – Unit-Specific Conditions conflict with the Part I – Standard Conditions and/or Part II – General Facility Conditions of the Permit the unit-specific conditions for 300 Area WATS prevail.

**300 AREA WATS:**

Chapter 1.0 V.20.A-1 Part A, Dangerous Waste Permit, Revision, 76, from Class 1 modification dated July 2005

**V.20.BA. UNIT-SPECIFIC CONDITIONS FOR 300 AREA WATS** The Permittees shall comply with all requirements listed below following partial closure:

**V.20.B.1A.2** Soil Contamination Areas 1 and 2, identified in the Part A, shall be inspected annually to ensure that the contamination at these locations remains immobilized until final disposition. Soil over the concrete block covers of 300 Area WATS and U-Bearing Piping Trench that covers Soil Contamination Area 1 will be inspected annually for disturbance indicating a potential for contamination at this area to become mobilized. The concrete slab surface over Soil contamination Area 2, located inside the 313 Building, will be inspected annually for cracks or major degradation and the presence of water that could mobilize soil contamination at this location. If unsatisfactory conditions are identified during annual inspections, Ecology will be notified for discussion of an appropriate response. This condition constitutes the TSD unit's inspection schedule.

**V.20.B.2A.3** A contingency plan, personnel training plan, or a waste analysis plan will not be required for the 300 Area WATS following partial closure, as this scope of work is included in the 300-FF-2 remedial action.

WAC 173-303-830 Modification Class <sup>1 2</sup>

Please mark the Modification Class:

Class 1

Class 1<sup>1</sup>

Class 2

Class 3

X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes

Modification Approved: ☒ Yes ☐ No (state reason for denial)Reason for denial:

Reviewed by Ecology:

*G. P. Davis*  
G. P. Davis

10-26-05  
Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class 1<sup>1</sup>, if appropriate.

Hanford Facility RCRA Permit Modification Notification Form				
Unit: <b>300 Area WATS</b>		Permit Part & Chapter: <b>Part V, Chapter 20</b>		
<u>Description of Modification:</u> Remove and replace Chapter 1.0 with the attached Chapter 1.0 dated July 2005. Adopted the new Ecology Part A Form [ECY 030-31 Hanford (Rev. 3/5/04)]. Contractor change from Bechtel Hanford Inc. to Washington Closure Hanford LLC.				
WAC 173-303-830 Modification Class <sup>1 2</sup> Please mark the Modification Class:		Class 1	Class 1 <sup>1</sup>	Class 2
			X	
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.7 Enter wording of WAC 173-303-830, Appendix I Modification citation: A.7 Changes in ownership or operational control of a facility, provided the procedures of subsection (2)(b) of this section are followed.				
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>		Reviewed by Ecology: <i>G. P. Davis</i> 10-26-05 G. P. Davis Date		

<sup>1</sup> Class 1 modifications requiring prior Agency approval.<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class <sup>1</sup>1, if appropriate.

**Hanford Facility RCRA Permit Modification Notification Forms**

**Part V**

**Chapter 16, 1325-N Liquid Waste Disposal Facility  
Chapter 17, 1301-N Liquid Waste Disposal Facility**

**Index**

Page 2 of 4: Hanford Facility RCRA Permit, Part V.16  
Page 3 of 4: Hanford Facility RCRA Permit, Part V.17  
Page 4 of 4: Attachment 41, Chapter 1.0

Submitted by Co-Operator:

Patrick L. Pettiette

9  
12-13-05  
Date

Reviewed by RL Program Office:

L. Erickson

9/22/05  
Date

<b>Hanford Facility RCRA Permit Modification Notification Form</b>					
Unit: <b>1301-N Liquid Waste Disposal Facility</b>		Permit Part & Chapter: <b>Part V, Chapter 17 and Attachment 41</b>			
Description of Modification: Hanford Facility RCRA Permit, Part V.17:					
<p><b>CHAPTER 17</b></p> <p><b>1301-N Liquid Waste Disposal Facility</b></p> <p>The 1301-N Liquid Waste Disposal Facility is an inactive TSD unit that is currently undergoing modified closure activities. This TSD unit was operated as a liquid waste disposal facility for dangerous waste. This Chapter sets forth the modified closure requirements for this TSD unit.</p> <p><b>V.17.A      <u>COMPLIANCE WITH APPROVED MODIFIED CLOSURE PLAN</u></b></p> <p>The Permittees shall comply with all requirements set forth in the <u>Hanford Facility Dangerous Waste Permit, as specified in Attachment 3, Permit Applicability Matrix and the unit-specific conditions identified below for the 1301-N LWDF, Attachment 41, including all modifications, and Amendments specified in Condition V.17.B. Enforceable portions have been incorporated in Attachment 41 and are identified as follows. All subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:</u></p> <p><u>In the event that the Part V – Unit-Specific Conditions for 1301-N LWDF conflict with the Part I – Standard Conditions and/or Part II – General Facility Conditions of the Permit the unit-specific conditions for 1301-N LWDF prevail.</u></p> <p><b><u>1301-N LIQUID WASTE DISPOSAL FACILITY, ATTACHMENT 41:</u></b></p> <p>Chapter 1.0      Part A Dangerous Waste Permit, from Class 1 modification dated <del>July 2005</del> August 2004 1301-N Liquid Waste Disposal Facility, Revision <del>87B</del></p> <p>Chapter 2.0      Unit Description, from Class 1 modification dated August 2004</p> <p>Chapter 3.0      Groundwater Monitoring, from Class 1 modification dated August 2004</p> <p>Chapter 4.0      Closure Activities, from Class 1 modification dated March 31, 2005</p> <p>Chapter 5.0      Postclosure Plan, from Class 1 modification dated August 2004</p> <p><b>V.17.B.      <u>AMENDMENTS TO THE APPROVED MODIFIED CLOSURE PLAN</u></b></p> <p><b>V.17.B.1.      (Reserved)</b></p>					
WAC 173-303-830 Modification Class <sup>1 2</sup>		Class 1	Class '1	Class 2	Class 3
Please mark the Modification Class:		X			
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1					
Enter wording of WAC 173-303-830, Appendix I Modification citation:					
A.1. General Permit Provisions, Administrative and informational changes					
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)		Reviewed by Ecology:			
Reason for denial:		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">   G. P. Davis </div> <div style="text-align: center;"> 10-26-05  Date </div> </div>			

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class '1, if appropriate.

## Hanford Facility RCRA Permit Modification Notification Form

Unit:

1325-N Liquid Waste Disposal Facility

Permit Part &amp; Chapter:

Part V, Chapter 16 and Attachment 41

## Description of Modification:

Hanford Facility RCRA Permit, Part V.16:

## CHAPTER 16

## 1325-N Liquid Waste Disposal Facility

The 1325-N Liquid Waste Disposal Facility (LWDF) is an inactive TSD unit that is currently undergoing modified closure activities. This TSD unit was operated as a liquid waste disposal facility for dangerous wastes.

This Chapter sets forth the modified closure requirements for the 1325-N LWDF this TSD unit.

## V.16.A COMPLIANCE WITH APPROVED MODIFIED CLOSURE PLAN

The Permittees shall comply with all requirements set forth in the Hanford Facility Dangerous Waste Permit, as specified in Attachment 3, Permit Applicability Matrix and the unit-specific conditions identified below for the 1325-N LWDF Attachment 41, including all modifications and Amendments specified in Condition V.16.B. Enforceable portions have been incorporated in Attachment 41 and are identified as follows. All subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:

In the event that the Part V – Unit-Specific Conditions for 1325-N LWDF conflict with the Part I – Standard Conditions and/or Part II – General Facility Conditions of the Permit the unit-specific conditions for 1325-N LWDF prevail.

## 1325-N LIQUID WASTE DISPOSAL FACILITY, ATTACHMENT 41:

Chapter 1.0 Part A Dangerous Waste Permit, from Class 1 modification dated August 20052004  
1325-N Liquid Waste Disposal Facility Revision 87B.

Chapter 2.0 Unit Description, from Class 1 modification dated August 2004

Chapter 3.0 Groundwater Monitoring, from Class 1 modification dated August 2004

Chapter 4.0 Closure Activities, from Class 1 modification dated March 31, 2005

Chapter 5.0 Postclosure Plan, from Class 1 modification dated August 2004

## V.16.B. AMENDMENTS TO THE APPROVED MODIFIED CLOSURE PLAN

V.16.B.1. (Reserved)

WAC 173-303-830 Modification Class<sup>12</sup>

Please mark the Modification Class:

Class 1

Class 1

Class 2

Class 3

X

Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1

Enter wording of WAC 173-303-830, Appendix I Modification citation:

A.1. General Permit Provisions, Administrative and informational changes

Modification Approved: ☒ Yes ☐ No (state reason for denial)

Reason for denial:


Reviewed by Ecology:

G. P Davis

Date

<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class 11, if appropriate.

Unit: <b>1301-N &amp; 1325-N Liquid Waste Disposal Facilities</b>	Permit Part & Chapter: <b>Part V, Chapter 16 &amp; 17 and Attachment 41</b>								
<u>Description of Modification:</u> Remove and replace Chapter 1.0 with the attached Chapter 1.0 dated August 2005.  Adopted the new Ecology Part A Form [ECY 030-31 Hanford (Rev. 3/5/04)].  Contractor change from Bechtel Hanford Inc. to Washington Closure Hanford LLC.									
WAC 173-303-830 Modification Class <sup>1 2</sup> Please mark the Modification Class:	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 25%;">Class 1</td><td style="width: 25%;">Class <sup>1</sup>1</td><td style="width: 25%;">Class 2</td><td style="width: 25%;">Class 3</td></tr><tr><td></td><td style="text-align: center;">X</td><td></td><td></td></tr></table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3		X		
Class 1	Class <sup>1</sup> 1	Class 2	Class 3						
	X								
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.7 Enter wording of WAC 173-303-830, Appendix I Modification citation: A.7 Changes in ownership or operational control of a facility, provided the procedures of subsection (2)(b) of this section are followed.									
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>	<div style="text-align: right;">Reviewed by Ecology:</div> <div style="text-align: center;"> G. P Davis Date 10-26-05</div>								

<sup>1</sup> Class 1 modifications requiring prior Agency approval.<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class <sup>1</sup>1, if appropriate.



**Hanford Facility RCRA Permit Modification Notification Forms**

**Part V**

**Chapter 18, 1324-N Surface Impoundment  
Chapter 19, 1324-NA Percolation Pond**

**Index**

Page 2 of 4: Hanford Facility RCRA Permit, Part V.18  
Page 3 of 4: Hanford Facility RCRA Permit, Part V.19  
Page 4 of 4: Attachment 42, Chapter 1.0

Submitted by Co-Operator:

Patrick L. Pettiette

Reviewed by RL Program Office:

L. Erickson

9-15-05

Date

DT Evans for

9/20/05

Date

<b>Hanford Facility RCRA Permit Modification Notification Form</b>														
Unit: <b>1324-NA Percolation Pond</b>	Permit Part & Chapter: <b>Part V, Chapter 19 and Attachment 42</b>													
<u>Description of Modification:</u> Hanford Facility RCRA Permit, Part V.19:														
<b>CHAPTER 19</b> <b>1324-NA Percolation Pond</b>														
<p>The 1324-NA Percolation Pond is an inactive TSD unit that is currently undergoing modified closure activities. This TSD unit was operated as a surface impoundment unit for dangerous wastes. This Chapter sets forth the modified closure requirements for this TSD unit.</p>														
<b>V.19.A. <u>COMPLIANCE WITH APPROVED MODIFIED CLOSURE PLAN</u></b>														
<p>The Permittees shall comply with all requirements set forth in <u>Hanford Facility Dangerous Waste Permit</u>, as specified in <u>Attachment 3, Permit Applicability Matrix</u> and the <u>unit-specific conditions identified below for the 1324-NA Percolation Pond Attachment 42</u>, including all modifications, and <u>Amendments specified in Condition V.19.B.</u> <u>Enforceable portions have been incorporated in Attachment 42 and are identified as follows.</u> All subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:</p>														
<p><u>In the event that the Part V – Unit-Specific Conditions for 1324-N Surface Impoundment conflict with the Part I – Standard Conditions and/or Part II – General Facility Conditions of the Permit the unit-specific conditions for 1324-NA Percolation Pond prevail.</u></p>														
<b><u>1324-NA PERCOLATION POND, ATTACHMENT 42:</u></b>														
Chapter 1.0	Part A, Dangerous Waste Permit, from Class 1 modification dated August 20052004 1324-NA Percolation Pond, Revision 43B													
Chapter 2.0	Unit Description, from Class 1 modification dated August 2004													
Chapter 3.0	Ground Water Monitoring, from Class 1 modification dated August 2004													
Chapter 4.0	Closure, from Class 1 modification dated August 2004													
Chapter 5.0	Post-Closure Plan, from Class 1 modification dated August 2004													
<b>V.19.B. <u>AMENDMENTS TO THE APPROVED MODIFIED CLOSURE PLAN</u></b>														
<b>V.19.B.1. (Reserved)</b>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">WAC 173-303-830 Modification Class <sup>1,2</sup></td> <td style="width: 12.5%; padding: 5px;">Class 1</td> <td style="width: 12.5%; padding: 5px;">Class 1<sup>1</sup></td> <td style="width: 12.5%; padding: 5px;">Class 2</td> <td style="width: 12.5%; padding: 5px;">Class 3</td> </tr> <tr> <td style="padding: 5px;">Please mark the Modification Class:</td> <td style="text-align: center; padding: 5px;">X</td> <td></td> <td></td> <td></td> </tr> </table>					WAC 173-303-830 Modification Class <sup>1,2</sup>	Class 1	Class 1 <sup>1</sup>	Class 2	Class 3	Please mark the Modification Class:	X			
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Please mark the Modification Class:	X													
Enter relevant WAC 173-303-830, Appendix I Modification citation number: A.1 Enter wording of WAC 173-303-830, Appendix I Modification citation: A.1. General Permit Provisions, Administrative and informational changes														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 5px;">           Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial)  <u>Reason for denial:</u> </td> <td style="width: 40%; padding: 5px; vertical-align: bottom;">           Reviewed by Ecology:  <div style="text-align: center;">               G. P Davis           </div> <div style="text-align: right;">             10-26-05              Date           </div> </td> </tr> </table>					Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>	Reviewed by Ecology: <div style="text-align: center;">               G. P Davis           </div> <div style="text-align: right;">             10-26-05              Date           </div>								
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<sup>1</sup> Class 1 modifications requiring prior Agency approval.

<sup>2</sup> If the proposed modification does not match any modification listed in WAC 173-303-830, Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Washington State Department of Ecology, or downgraded to a Class 1<sup>1</sup>, if appropriate.

<b>Hanford Facility RCRA Permit Modification Notification Form</b>														
Unit: <b>1324-N Surface Impoundment</b>	Permit Part & Chapter: <b>Part V, Chapter 18 and Attachment 42</b>													
<b>Description of Modification:</b> Hanford Facility RCRA Permit, Part V.18:														
<b>CHAPTER 18</b> <b>1324-N Surface Impoundment</b>														
The 1324-N Surface Impoundment was a TSD unit that operated as a percolation unit for dangerous wastes. This unit completed their Closure Plan.														
<b>V.18.A. COMPLIANCE WITH APPROVED MODIFIED CLOSURE PLAN</b>														
The Permittees shall comply with all requirements set forth in <u>Hanford Facility Dangerous Waste Permit, as specified in Attachment 3, Permit Applicability Matrix and the unit-specific conditions identified below for the 1324-N Surface Impoundment Attachment 42, including all modifications and Amendments specified in Condition V.18.B. Enforceable portions have been incorporated in Attachment 42 and are identified as follows. All subsections, figures, and tables included in these portions are also enforceable, unless stated otherwise:</u>														
<u>In the event that the Part V – Unit-Specific Conditions for 1324-N Surface Impoundment conflict with the Part I – Standard Conditions and/or Part II – General Facility Conditions of the Permit the unit-specific conditions for 1324-N Surface Impoundment prevail.</u>														
<b>1324-N SURFACE IMPOUNDMENT, ATTACHMENT 42:</b>														
Chapter 1.0	Part A, Dangerous Waste Permit, from Class 1 modification dated August 20052004 1324-N Surface Impoundment, Revision 43B													
Chapter 2.0	Unit Description, from Class 1 modification dated August 2004													
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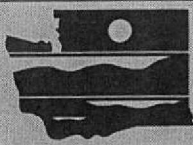
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Unit: <b>1324-N Surface Impoundment</b> <b>1324-NA Percolation Pond</b>	Permit Part & Chapter: <b>Part V, Chapter 18 &amp; 19 and Attachment 42</b>								
<u>Description of Modification:</u> Remove and replace Chapter 1.0 with the attached Chapter 1.0 dated August 2005.  Adopted the new Ecology Part A Form [ECY 030-31 Hanford (Rev. 3/5/04)]. Contractor change from Bechtel Hanford Inc. to Washington Closure Hanford LLC.									
WAC 173-303-830 Modification Class <sup>1 2</sup> Please mark the Modification Class:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">Class 1</th> <th style="width: 25%;">Class <sup>1</sup>1</th> <th style="width: 25%;">Class 2</th> <th style="width: 25%;">Class 3</th> </tr> <tr> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> </table>	Class 1	Class <sup>1</sup> 1	Class 2	Class 3		X		
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WASHINGTON STATE  
DEPARTMENT OF  
ECOLOGY

## Dangerous Waste Permit Application Part A Form

Date Received

Reviewed by: *J. P. Davis*

Date:

09/28/2005

Month Day Year

Approved by: *J. P. Davis*

Date:

10/30/2005

09/02/2005

Please refer to instructions for completing this form.

I. This form is submitted to: (place an "X" in the appropriate box)



Request modification to a final status permit (commonly called a "Part B" permit)



Request a change under interim status



Apply for a final status permit. This includes the application for the initial final status permit for a site or for a permit renewal (i.e., a new permit to replace an expiring permit).



Establish interim status because of the wastes newly regulated on:

(Date)

List waste codes:

II. EPA/State ID Number

W A 7 8 9 0 0 0 8 9 6 7

III. Name of Facility

US Department of Energy – Hanford Facility

IV. Facility Location (Physical address not P.O. Box or Route Number)

A. Street

825 Jadwin

City or Town

State

ZIP Code

Richland

WA

99352

County Code (if known)

County Name

0 0 5 Benton

B. Land Type

C. Geographic Location

Latitude (degrees, mins, secs)

Longitude (degrees, mins, secs)

D. Facility Existence Date

Month

Day

Year

F S E E T O P O M A P 0 3 2 2 1 9 4 3

V. Facility Mailing Address

Street or P.O. Box

P.O. Box 550

City or Town

State

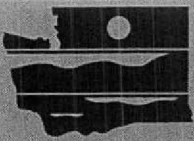
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WASHINGTON STATE  
DEPARTMENT OF  
E C O L O G Y

## Dangerous Waste Permit Application Part A Form

Date Received	Reviewed by: <i>J.P. Davis</i>	Date: 09/28/2005
Month Day Year	Approved by: <i>J.P. Davis</i>	Date: 10/30/2005
09/02/2005 Please refer to instructions for completing this form.		

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- ☒ Request modification to a final status permit (commonly called a "Part B" permit)
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M A P

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Month

0 3

Day

2 2

Year

1 9 4 3

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Street or P.O. Box

P.O. Box 550

City or Town

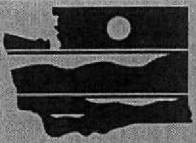
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WASHINGTON STATE  
DEPARTMENT OF  
ECOLOGY

## Dangerous Waste Permit Application Part A Form

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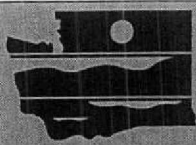
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WASHINGTON STATE  
DEPARTMENT OF  
ECOLOG Y

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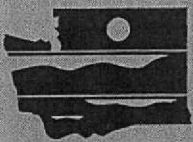
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WASHINGTON STATE  
DEPARTMENT OF  
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## Dangerous Waste Permit Application Part A Form

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Month Day Year

Approved by: *[Signature]*

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09/30/2005

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